

**From:** KarenD Johnson/R3/USEPA/US  
**Sent:** 3/27/2012 9:47:21 AM

**To:** "Richard Fetzer" <Fetzer.Richard@epamail.epa.gov>  
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"heston.gerald@epa.gov" <heston.gerald@epa.gov>; Kelley Chase; Victoria Binetti  
**Subject:** Re: Review of data

Rich- I'm up on Scribe. I was just concerned how there are some differences in DEP and EPA MCL's and how that might be misinterpreted by the public.

I just got off the phone to Lisa Daniels the Drinking water chief for PADEP and I have some clarification for some of the differences in the DEP MCL and EPA MCL columns in Scribe

For Copper (1000 ug/l) and Lead (5 ug/l), these values are applicable only to water systems that provide bottled, vended, retail or bulk water, otherwise they use the federal Action Levels of 1300 and 15 respectively. These are not really MCL's they are Action Levels for water systems to trigger additional corrosion control there really isn't an MCL for either copper or lead. I know there isn't a column for action level but it would be best to clarify that this is not health based it is treatment based. I know Tate Kunkle had this confused in previous memos. The source of lead can come from lead solder, brass fitting, well pumps, etc. within the private homes so water systems lower the pH and provide corrosion inhibitors to limit leaching in homes and in lead pipes.

The value you have for fluoride is correct. PADEP has adopted the EPA secondary standard as their primacy MCL standard

Also DEP has the same MCL for Uranium as EPA 30 ug/l...it was blank in the part of the table I looked at this morning.

Thanks!

Karen D. Johnson, Chief  
Ground Water & Enforcement Branch